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RESPONSE TO OFFICE ACTION SUMMARY

April 4, 2004

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

Petition to patent examiner Maribel Medina

Pertaining to Office Action Summary, date mailed 03/25/2004, regarding patent application serial number 10/067,024, filed by Gene E. Lightner 02/04/2002, response to Office Action Summary is enclosed within.

Acknowledgment that the period for reply is set to expire three months from the mailing date of this communication is noted.

Attached to the Office Action Summary is a stapled summary of a pilot project relating to mailing foreign and U.S. patents. Relationship of this pilot project to the current case is unnecessary and unsolicited.

1. Receipt of the information disclosure statement, filed on 3/19/02, is recognized.
2. Informalities regarding the specification are addressed by the following amendments;
 - a. Concerning specification, page 4, second paragraph, lines 4-6, the amendment is presented. (amended) A biomass upon pyrolysis, without air, produces a gas of organic vapors, hydrogen and carbon [monoxide] dioxide.
 - b. Concerning specification, page 6, third paragraph, line 3, the amendment is presented. (amended) pressurized glowing char stage 38 to react with water [34A] 38A and form gaseous carbon monoxide 40.
 - c. Accordingly appropriate corrections, as required have been presented.
3. Regarding claim 1 and claim 2 conditions a. and b., the following amendments are presented, without altering the scope or intention of the application.

What is claimed is:

1. (amended) A method to form hydrogen from a gas, derived from a biomass, containing water vapor and organic vapors, and subjecting the gas to a reformer catalyst to become a gas containing hydrogen and carbon monoxide, which comprises: